Murray, Regan [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP From:

(FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=4B06D968152A4CEFB83C9864FF5C89C6-MURRAY, REGAN]

Sent: 9/27/2018 1:45:55 PM

Patterson, Craig [/o=ExchangeLabs/ou=Exchange Administrative Group To:

(FYDIBOHF23SPDLT)/cn=Recipients/cn=728fae29ae344c4693b345dc23b35b55-Patterson, Craig)

Subject: RE: Craig's IPWE Responsibilities

Thanks, Craig!

----Original Message----From: Patterson, Craig

Sent: Thursday, September 27, 2018 8:30 AM

To: Parshionikar, Sandhya <Parshionikar.Sandhya@epa.gov>; Lloyd, Frederica <lloyd.frederica@epa.gov> Cc: Murray, Regan <Murray.Regan@epa.gov>; Scheckel, Kirk <Scheckel.Kirk@epa.gov>

Subject: Craig's IPWE Responsibilities

I took some time to provide more details on my role as IPWE Conference Co-Chair and how my accomplishments will benefit EPA as listed below.

Let me know if you or Alice need more information, Craig

On April 27, 2017, Craig Patterson was invited to serve as Capacity Building Co-Chair for the Environment and Water Resources Institute (EWRI) International Perspective on Water Resources and the Environment (IPWE) Conference in Cartagena, Colombia (December 4-8, 2018). Craig began participating in bi-weekly IPWE Conference calls on November 27, 2017 to secure IPWE collaboration with organizations in Latin America (e.g., AIDIS, PAHO, USAID, WWF). In late February of 2018, the IPWE Conference Co-Chair stepped down due to personal issues. In March, The President of EWRI, Cristine Surbeck, invited Craig to take over as Conference Co-Chair. Since March 2nd, Craig has been serving as Conference Co-Chair with Dr. Juan Saldarriaga with the University of the Andes in Colombia. Craig responsibilities include leading and preparing meeting agendas and steering records for biweekly IPWE conference calls with the IPWE Steering Committee. Craig coordinated 1) the signing of an MOU with EWRI and three Universities in Colombia, 2) the review of 120 abstracts, 3) the development of plenary and technical sessions, 4) the commitment of keynote speakers, conference panelists and short-course instructors including ASCE President Robin Kemper, and 4) the conference venue contract with pre- and post-conference tours.

IPWE will benefit EPA for several reasons. The IPWE conference theme "Protecting and Securing Water and Environment for Future Generations" aligns with EPA's Strategic Plan for Clean and Safe Drinking Water. IPWE will cover a wide variety of topics related to the areas of environmental and water resources. The conference is expected to bring together approximately 150 professionals in the water and environmental fields from over 10 nations and will provide the opportunity to address pressing environmental and water resources issues of importance to EPA. For instance, an 8-hour Advanced Course on EPANET is being taught on Tuesday December 3rd by Pedro Iglesias and Javier Martínez. The IPWE Steering Committee secured \$20,000 of Lea Foundation funds for the IPWE short courses. Scholarships are being provided to pay the tuition of and provide books to short course applicants from Latin America including the short course on EPANET. Colombia is one of the top nations in the world to download US EPA models (e.g., EPANET, SWMM). In addition, one of the keynote speakers, Dr. Graciela Ramírez, has supported US EPA Region 2 and ORD since the 1990s. Graciela has consulted with State, Commonwealth and Federal agencies including the US EPA, and has served on the National Drinking Water Advisory Council and the National Environmental Justice Advisory Council. She was recognized with the Environmental Water Quality Award by U.S. EPA, Region 2 for the development of CECIA programs in 1997, and for her work with small potable water systems in 2006. Her plenary presentation will be on the impact of Hurricane Maria on drinking water infrastructure and water quality in Puerto Rico.

Craig Patterson, P.E. Environmental Engineer U.S. EPA M.S. 689 26 W. Martin Luther King Drive Cincinnati, Ohio 45268 Phone: 513-487-2805 Fax: 513-569-7658 patterson.craig@epa.gov

----Original Message----From: Parshionikar, Sandhya

Sent: Wednesday, September 26, 2018 1:50 PM

To: Lloyd, Frederica <lloyd.frederica@epa.gov>; Patterson, Craig <Patterson.Craig@epa.gov>

Cc: Murray, Regan <Murray.Regan@epa.gov>; Scheckel, Kirk <Scheckel.Kirk@epa.gov>

Subject: RE: ConcurGov Correspondence

It is saying it is incomplete and not allowing me to approve. I think it is the visa requirement. Also while you are at it, please have Craig give you more details of his role, what is he going to accomplish and why that will benefit EPA. I am sure Alice is going to ask for this so better do it now.

----Original Message-----From: Lloyd, Frederica

Sent: Wednesday, September 26, 2018 1:46 PM

To: Parshionikar, Sandhya <Parshionikar.Sandhya@epa.gov>; Patterson, Craig <Patterson.Craig@epa.gov>

Cc: Murray, Regan <Murray.Regan@epa.gov>; Scheckel, Kirk <Scheckel.Kirk@epa.gov>

Subject: RE: ConcurGov Correspondence

Hi Sandhya, what is missing from the ITP.

Frederica Lloyd Program Specialist OARS TMD - Cincinnati 513-569-7717-0 513-344-4982-AWL lloyd.frederica@epa.gov

----Original Message----From: Parshionikar, Sandhya

Sent: Wednesday, September 26, 2018 1:35 PM

To: Lloyd, Frederica <lloyd.frederica@epa.gov>; Patterson, Craig <Patterson.Craig@epa.gov>

Cc: Murray, Regan <Murray.Regan@epa.gov>; Scheckel, Kirk <Scheckel.Kirk@epa.gov>

Subject: FW: ConcurGov Correspondence

Craig and Frederica,

I am with holding approval of the TA as the ITP is incomplete and I cannot approve it. Once the ITP is completed, I, followed by Alice, will approve it and then I will approve the TA. Sandhya

----Original Message----

From: do-not-reply@concursolutions.com [mailto:do-not-reply@concursolutions.com]

Sent: Wednesday, September 26, 2018 12:59 PM

To: Parshionikar, Sandhya <Parshionikar.Sandhya@epa.gov>

Subject: ConcurGov Correspondence

PARSHIONIKAR.SANDHYA@EPA.GOV

A Concur document for CRAIG PATTERSON, TAA06GOX, Auth with a trip departure date of 12/02/18 has been stamped SIGNED by LLOYD, FREDERICA R and is now awaiting your action.

You can access ConcurGov at: https://cge.concursolutions.com